

1. User Story - Registration and Login:

As a **user**, customers have to register first to create an account. Then the user can be able to enter this system through log in. After that, the customers can make purchase and manage their accounts.

- **Register:** The system should provide a registration form in the homepage where the user can enter his basic information (e.g., name, email address, password). The system should verify the email address for security purposes. Then he should be able to choose a unique username and password. The system should automatically create an account for the user after successful registration. After completing registration process, user should be able to log in to his account.
- **Logging in:** The system should provide a login form where the user can enter his username and password. If the given username and password are correct, the system should allow him access to his account. If the credentials are incorrect, the system should display an error message and allow him to try again.
- User should be able to update his account information.

2. User Story - Products details:

As a **customer**, user want to see detailed information about each product, including images, descriptions, specifications, price, reviews, and ratings so that he can make informed purchase decisions.

Acceptance criteria:

- Each product page should display high-quality images from different angles.
- Product descriptions should be clear and informative.
- Technical specifications should be listed for products where relevant.
- Customer reviews and ratings should be displayed, along with the option to leave a review.
- Reviews should be categorized by rating and date.

3. User Story - Payment Gateway:

As a **user** on E-commerce platform, the customer should have access to secure and diverse payment options, so he can complete his purchases with confidence.

Acceptance criteria:

- Pay with credit card, debit card, or other popular payment methods.
- Secure payment process with clear instructions.

- Instant confirmation of successful payment.
- See the order history and payment history.
- Easy to fix errors and try again.
- Contact information for support if needed.

4. User Story - Admin Dashboard:

In order to properly administer an e-commerce website and make educated decisions, I, as the **administrator**, require an admin dashboard that is both aesthetically pleasing and simple to use. This dashboard should give me a clear overview of all important **metrics, orders, and user activity**.

Acceptance Criteria:

Key Metrics-

- Total orders placed
- Total amount of money made
- Value of the average order
- Quantity of new clients
- Cost of acquiring new customers
- website visits

5. User Story - Account Management:

To enjoy a personalized shopping experience, I, as a **User**, want to be able to **register an account, change my profile information**, and update my **shipping and billing addresses**.

Acceptance criteria:

- Account creation must to be uncomplicated and uncomplicated.
- Consumers must to have the ability to modify the details on their profiles.
- It should be possible to have multiple shipping and billing addresses for ease of use.
- Consumers ought to have the ability to control their watch-list and stored products.

6. User Story - Category Filtering:

As a shopper on an e-commerce website, **I want** to filter products by category to quickly find what I'm looking for, **so that** I can save time and browse efficiently.

Acceptance Criteria:

- The product listing page should display a clear and accessible list of categories.
- Categories should be hierarchical, allowing users to drill down to subcategories.
- Users can select multiple categories to further refine their search.
- The filter should update the product listing dynamically, instantly showing only relevant products.
- The filter should remember the chosen categories even if the user navigates away and returns to the page.
- The filter should be visually distinct and easy to use on all devices (desktop, mobile, tablet).

7. User Story - Track My Order:

As a customer who has placed an order, **I want** to track the status of my order in real-time, **so that** I can feel informed and know when to expect my delivery.

Acceptance Criteria:

- A dedicated "My Orders" page should be available in the customer account area.
- This page should display a list of all past and present orders.
- Each order should have a clear and up-to-date status (e.g., "Processing", "Shipped", "Delivered").
- The status should be automatically updated as the order progresses through the fulfillment process.
- Users should be able to view detailed information about each order, including items ordered, quantity, price, and shipping address.
- Users should be able to access tracking information for shipped orders, allowing them to track the package's location.
- The order tracking page should be accessible on all devices (desktop, mobile, tablet).
- Order history should be accessible for a configurable period (e.g., one year)

8. User Story - Ratings and Reviews:

As a **customer**, I want to be able to **rate** and **review** products I have purchased so that I can share my experience with others and help them make informed purchase decisions.

Acceptance Criteria:

- Customers should be able to rate products using a star rating system (e.g., 1 to 5 stars).

- Customers should be able to write textual reviews with their opinions and feedback on the product.
- Reviews should be moderated to prevent spam and inappropriate content.
- Ratings and reviews should be displayed prominently on product pages.
- Users should be able to filter and sort reviews by various criteria, such as date, rating, and helpfulness.

9. User Story – Watchlist:

As a **customer**, I want to be able to add products to a **watchlist** so that I can track their prices and availability and be notified of any changes.

Acceptance Criteria:

- Customers should be able to add products to their watchlist directly from product pages or search results.
- The watchlist should be accessible from anywhere on the site.
- Customers should be able to view and manage their watchlist, including adding, removing, and rearranging products.
- Customers should be able to receive notifications when a product on their watchlist goes on sale, comes back in stock, or experiences any significant price changes.
- Customers should be able to filter and sort products in their watchlist by various criteria, such as price, brand, and date added.

10. User Story - Add to Cart:

As a **user**, I want a hassle-free and efficient process to **add products** to my **cart**, ensuring a smooth and enjoyable shopping experience.

Acceptance Criteria:

- The "Add to Cart" button should be prominently placed on the product details page, making it easily accessible.
- Upon clicking "Add to Cart," a visual confirmation should be displayed to assure me that the product has been successfully added.
- If a product is out of stock, I should receive a clear notification and should not be able to add it to the cart.
- The cart icon should dynamically update, showing the current number of items added, providing a quick way to track my selections.

- I should have the ability to easily navigate back to shopping or proceed to checkout after adding items to the cart.

11. User Story - Checkout:

As a **user**, I want a straightforward and **secure checkout** experience to quickly and confidently complete my purchase.

Acceptance Criteria:

1. Step-by-Step Checkout:

- Users navigate through a clear step-by-step checkout process for a hassle-free experience.

2. Review Order Details:

- Users can easily review and confirm their order details before finalizing the purchase.

3. Payment Options:

- Provide a variety of secure payment options, ensuring flexibility for users.

4. Real-Time Cost Breakdown:

- Display a real-time breakdown of the total cost, including taxes and fees.

5. Email Confirmation:

- Users receive a detailed email confirmation after successfully completing the purchase.

6. Guest-Friendly Checkout:

- Offer a quick and easy checkout option for both registered users and guests.

7. Responsive Error Handling:

- Clear error messages guide users in case of payment issues or other errors.

8. Save Billing Information Option:

- Registered users can opt to securely save billing information for future convenience

This ensures a streamlined, user-centric checkout process with a focus on simplicity, transparency, and security.